| VIII-2-1 | Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First) | in relation to this international application | | | | | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled to apply for and be granted a patent by virtue of the following: | | | | | |
| VIII-2-1(i | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, LINSSEN, Petrus, J., A. | | | | | |
| | This declaration is made for the purposes of: | all designations except the designation of the United States of America | | | | | |

PATENT COOPERATION TREATY

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

| Applicant's or agent's file reference PHNL040042WO | FOR FURTHER ACTION | See item 4 below | | | | |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--|--|--|--|
| International application No. PCT/IB2005/050104 | International filing date (day/month/year) 10 January 2005 (10.01.2005) | Priority date (day/month/year) 22 January 2004 (22.01.2004) | | | | |
| International Patent Classification (8th See relevant information in Form F | International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237 | | | | | |
| Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V. | | | | | | |

| 1. | This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Λuthority under Rule 44 bis.1(a). | | | | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| 2. | This REPORT consists of a total of 6 sheets, including this cover sheet. | | | | | | |
| | In the attached sheets, any refe to the international preliminary | rence to the written opin report on patentability (| tion of the International Searching Authority should be read as a reference (Chapter I) instead. | | | | |
| 3. | This report contains indications | relating to the followin | g items: | | | | |
| | Box No. I | Basis of the report | | | | | |
| | Вох №. П | Priority | | | | | |
| | Box No. III | Non-establishment of applicability | of opinion with regard to novelty, inventive step and industrial | | | | |
| | Box No. IV | Lack of unity of inv | ention | | | | |
| | Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | | | | | |
| | Box No. VI | Certain documents of | rited | | | | |
| | Box No. VII | Certain defects in the | e international application | | | | |
| | Box No. VIII | Certain observations | on the international application | | | | |
| 4. | The International Bureau will conot, except where the applicant date (Rule 44bis .2). | ommunicate this report t makes an express reques | to designated Offices in accordance with Rules 44his.3(c) and 93his.1 but st under Article 23(2), before the expiration of 30 months from the priority | | | | |
| | | | | | | | |
| | · · | | Date of issuance of this report 20 December 2006 (20.12.2006) | | | | |
| | The International Bure 34, chemin des Col 1211 Geneva 20, Sv | ombettes | Authorized officer Cecile Chatel | | | | |
| | nile No. +41 22 338 82 70 | | e-mail: pt13@wipo.int | | | | |

PATENT COOPERATION TREATY

| То: | | | | | | PCT | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--|--|--|
| see form PCT/ISA/220 | | | | WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORIT (PCT Rule 43 <i>bis</i> .1) | | | | | |
| | | | | | Date of mailing (day/month/yea | r) see form PCT/ISA/210 (second sheet) | | | |
| • • | or agent's file PCT/ISA/22 | | | | FOR FURTHER ACTION See paragraph 2 below | | | | |
| | al application N 005/050104 | No | International fi 10.01.2005 | | lay/month/year) | Priority date (day/month/year) 22.01.2004 | | | |
| INV. H01 | IJ5/54 H01J | sification (IPC) or b 9/34 | | ssification , | and IPC | | | | |
| | | | ==== | | | | | | |
| 1. This | s opinion co | ntains indication | ons relating t | o the foll | owing items: | | | | |
| ⊠ i | ☑ Box No. I Basis of the opinion | | | | | | | | |
| | Box No. II | Priority | | | | | | | |
| | Box No. III | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| | | | | | | | | | |
| ☐ Box No. IV Lack of unity of invention ☐ Box No. V Reasoned statement under Rule applicability: citations and explan | | Rule 43 <i>bis</i> planations | 3 <i>bis</i> .1(a)(i) with regard to novelty, inventive step or industrial tions supporting such statement | | | | | | |
| . 🗆 : | Box No. VI | | | | | | | | |
| | Box No. VII | | | | | | | | |
| | Box No. VIII | Certain observ | ations on the i | internation | application ational application | | | | |
| 2. FUI | RTHER ACT | ION | | | | | | | |
| If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered. | | | | | | | | | |
| sub fror | mit to the IPE | EA a written repl mailing of Form | y together, wh | ere appro | priate, with am | of the IPEA, the applicant is invited to endments, before the expiration of 3 months f 22 months from the priority date, | | | |
| For further options, see Form PCT/ISA/220. | | | | | | | | | |
| 3. For | further detai | ls, see notes to l | Form PCT/ISA | V220. | | · | | | |
| Name and | mailing addre | ess of the ISA: | | Date of c | completion of | Authorized Officer | | | |
| | - | | | this opini | on | John Marie Committee | | | |
| European Patent Office - P.B. 5818 Patentlaag & form NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016 | | | age form PCT/ISA | | But, Gabriela-Ileana Telephone No. +31 70 340-9537 | | | | |

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IB2005/050104

| | Box | (No | .1 Basis of the opinion | |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. With regard to the language, this opinion has been established on the basis of: | | | | |
| | × | the | international application in the language in which it was filed | |
| | | a t | ranslation of the international application into , which is the language of a translation furnished for the rooses of international search (Rules 12.3(a) and 23.1 (b)). | |
| 2. | With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of: | | | |
| | a. t | ype | of material: | |
| | | | a sequence listing | |
| | | | table(s) related to the sequence listing | |
| | b . 1 | form | at of material: | |
| | | | on paper | |
| | | | in electronic form | |
| | C. | time | of filing/furnishing: | |
| | • | | contained in the international application as filed. | |
| | | | filed together with the international application in electronic form. | |
| | | | furnished subsequently to this Authority for the purposes of search. | |
| 3 | . 🏻 | h: | addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto as been filed or furnished, the required statements that the information in the subsequent or additional opies is identical to that in the application as filed or does not go beyond the application as filed, as opporting the contraction as filed, as | |

4. Additional comments:

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

2

No:

Claims

1,3-10

Inventive step (IS)

Yes: Claims

No: Claims

1-10

Industrial applicability (IA)

Yes: Claims

1-10

No; Claims

2. Citations and explanations

see separate sheet

PCT/IB2005/050104

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1 Prior art

Reference is made to the following document:

D1: EP-A-0 490 702 (GEN ELECTRIC [US]) 17 June 1992 (1992-06-17)

NOVELTY

2 Independent claim 1 not new

- 2.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT.
- 2.2 The document D1 discloses (the references in parentheses applying to this document) a lamp (column 1, line 5) comprising:
 - a cap and a burner attached to the cap, wherein the burner and the cap are connected through a metal part (column 1, lines 8-11; column 3, lines 29-31),
 - which metal part hast at least two legs (column 3, line 41), a portion of each leg engaging a corresponding portion of the cap, the corresponding portion being of synthetic resin material (column 3, lines 41-45; column 5, line 40),
 - which portion of each leg has been heated in order to melt the synthetic resin material and to deform it so as to correspond to the shape of the leg, whereby a mutual engagement of said portion of the leg and said corresponding portion of the cap is obtained (column 3, lines 55-58; fig. 4).

An apparatus having all features of claim 1 is known from D1, the subject-matter of claim 1 is therefore not new.

PCT/IB2005/050104

3 Independent claim 9

The same reasoning applies, mutatis mutandis, to the corresponding features of method claim 9. Moreover, it is an obvious method to assemble and to immobilise the parts of a lamp in the claimed way; the subject-matter of this claim is therefore not inventive.

4 Dependent claims

Dependent claims 2-8 and 10 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty or inventive step.

The features present in claims 3-8 and 10 are known from D1. The corresponding passages are:

claim 3: fig. 4,

claim 4: column 5, lines 34-37,

claim 5: fig. 4,

claim 6: fig. 4,

claim 7: fig. 4,

claim 8: column 5, line 55; fig. 4,

claim 10: column 3, lines 45-47.

The subject-matter of these claims is therefore not new.

The feature present in claim 2 is related to the number of legs of the metal part being 3. The skilled person would adapt the number of legs according to his needs and production possibilities without exercising an inventive step. The subject-matter of this claim is therefore not inventive.

PATENT COOPERATION TREATY

| rom tl NTER | he NATIONAL SEAR | CHING AUTHORITY | | | | - | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| To: | | | | PCT | | | |
| see form PCT/ISA/220 | | | | WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43 bis.1) Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet) | | | |
| | cant's or agent's file | | | FOR FURTH | | ON | |
| see | form PCT/ISA/22 | | | | | rity date (day/month/year) | <u> </u> |
| | national application N NB2005/050104 | | ational filing date (| daymontnyear | 1 . | 01.2004 | |
| | | ļ | | ,d 1BC | | | |
| | . H01J5/54 H01J | sification (IPC) or both nat 9/34 | uonai ciassification | I AIRO IFO | | | |
| | | IPS ELECTRONICS | S N.V. | | | | · · · · · · · · · · · · · · · · · · · |
| 1. | Box No. I Box No. II Box No. III Box No. IV Box No. V Box No. V Box No. VI Box No. VI | Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Lack of unity of invention Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement Box No. VI Certain documents cited | | | | | |
| 3. | written opinion of the applicant che international Bu will not be so could fithis opinion is submit to the IP from the date of whichever expires. | , as provided above, co EA a written reply toge mailing of Form PCT/ | liminary Examini er than this one is(b) that written onsidered to be alther, where app SA/220 or before \$\text{\forall}220. | ng Authority ("IP to be the IPEA are opinions of this I opinions of this I opinion of the propriete, with ame | ear) except nd the chos nternational of the IPEA andments. | t that this does not apposen IPEA has notifed that is a searching Authority If the applicant is invited before the expiration of | ne ed to f 3 months |
| Na | me and mailing addre | ess of the ISA: | | completion of | Authorized | 3 Officer . | grafts Prince |
| European Patent Office - P.B. 5818 Patentlang & for NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016 | | | | m | | oriela-lleana • No. +31 70 340-9537 | |

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IB2005/050104

| | Box N | lo. 1 | Basis of the opinion |
|----|------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | With | egard | to the language, this opinion has been established on the basis of: |
| | | | ernational application in the language in which it was filed |
| | p | urpos | slation of the international application into , which is the language of a translation furnished for the ses of international search (Rules 12.3(a) and 23.1 (b)). |
| 2. | With neces | regar ssary | d to any nucleotide and/or amino acid sequence disclosed in the international application and to the claimed invention, this opinion has been established on the basis of: |
| | a. typ | e of r | naterial: |
| | | as | equence listing |
| | | tab | ole(s) related to the sequence listing |
| | b. fo | rmat o | of material: |
| | |) on | paper |
| | |] in | electronic form |
| | c. tin | ne of | filing/furnishing: |
| | |] cc | ontained in the international application as filed. |
| | C | 3 file | ed together with the international application in electronic form. |
| | Ε |] fu | rnished subsequently to this Authority for the purposes of search. |
| 3 | 3. □ | has t | ldition, in the case that more than one version or copy of a sequence listing and/or table relating thereto been filed or furnished, the required statements that the information in the subsequent or additional es is identical to that in the application as filed or does not go beyond the application as filed, as opriate, were furnished. |
| | Λ Add | litions | d comments: |

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

. 2

No:

Claims

1,3-10

Inventive step (IS)

Yes: Claims

No:

Claims 1

1-10

Industrial applicability (IA)

Yes: Claims

1-10

No; Claims

2. Citations and explanations

see separate sheet

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1 Prior art

Reference is made to the following document:

D1: EP-A-0 490 702 (GEN ELECTRIC [US]) 17 June 1992 (1992-06-17)

NOVELTY

2 Independent claim 1 not new

- 2.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT.
- 2.2 The document D1 discloses (the references in parentheses applying to this document) a lamp (column 1, line 5) comprising:
 - a cap and a burner attached to the cap, wherein the burner and the cap are connected through a metal part (column 1, lines 8-11; column 3, lines 29-31),
 - which metal part hast at least two legs (column 3, line 41), a portion of each leg engaging a corresponding portion of the cap, the corresponding portion being of synthetic resin material (column 3, lines 41-45; column 5, line 40),
 - which portion of each leg has been heated in order to melt the synthetic resin material and to deform it so as to correspond to the shape of the leg, whereby a mutual engagement of said portion of the leg and said corresponding portion of the cap is obtained (column 3, lines 55-58; fig. 4).

An apparatus having all features of claim 1 is known from D1, the subject-matter of claim 1 is therefore not new.

3 Independent claim 9

The same reasoning applies, mutatis mutandis, to the corresponding features of method claim 9. Moreover, it is an obvious method to assemble and to immobilise the parts of a lamp in the claimed way; the subject-matter of this claim is therefore not inventive.

4 Dependent claims

Dependent claims 2-8 and 10 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty or inventive step.

The features present in claims 3-8 and 10 are known from D1. The corresponding passages are:

claim 3: fig. 4,

claim 4: column 5, lines 34-37,

claim 5: fig. 4,

claim 6: fig. 4,

claim 7: fig. 4,

claim 8: column 5, line 55; fig. 4,

claim 10: column 3, lines 45-47.

The subject-matter of these claims is therefore not new.

The feature present in claim 2 is related to the number of legs of the metal part being 3. The skilled person would adapt the number of legs according to his needs and production possibilities without exercising an inventive step. The subject-matter of this claim is therefore not inventive.